

## **PAROC MARINE BOARD AND FLEX**

### **MSDS Number**

BXJKN

### **National Stock Number**

5640-00N059392

### **Product Name**

PAROC MARINE BOARD AND FLEX

### **Manufacturer**

PARTEK INSULATION INC

### **Product Identification**

Product ID: PAROC MARINE BOARD AND FLEX

MSDS Date: 08/01/1991

FSC: 5640

NIIN: 00N059392

MSDS Number: BXJKN

### **Responsible Party**

PARTEK INSULATION INC

401 WEST PARK CL, SUITE 202

PEACHTREE, GA 30269

US

Emergency Phone: 205-291-6300

Info Phone: 800-752-2738

Cage: 0CXU9

### **Contractor**

PARTEK INSULATIONS LTD

SARNIA, ON

CA

(519) 336-7770

Cage: 0CXU9

### **Ingredients**

MAN MADE VITREOUS FIBER

OSHA PEL15 MG/M3 (MFR)

ACGIH TLV: 10 MG/M3 (MFR)

UREA EXTENDED PHENOL-FORMALDEHYDE RESIN CURED

CAS: 25104-55-6

OSHA PELN/K

ACGIH TLV: N/K

ETHYLENE-VINYL ACETATE COPOLYMER; (ADHESIVE)

OSHA PELN/K

ACGIH TLV: N/K

3000 F/ML OVER A TWO YEAR PERIOD. RSLTS OF HUMAN  
RTECS: 9999999ZZ

WORKERS EMPLOYED IN INDUSTRY DURING EARLY DAYS OF  
RTECS: 9999999ZZ

LACK OF DUST-SUPPRESSING AGENTS CONTRIBUTED TO HAZ.  
RTECS: 9999999ZZ

LIST/REGULATE MMVF'S AS CARCIN, BUT DOES REGULATE  
RTECS: 9999999ZZ

HOWEVER, OSHA IS IN THE PROCESS OF ESTABLISHING  
RTECS: 9999999ZZ

ARE 3M 8710.9910 ETC. AN APPROPRIATE FIRE-TESTING  
RTECS: 9999999ZZ

STANDARDS/RECOM FIBER STANDARDS. OPERATIONS SUCH AS  
RTECS: 9999999ZZ

THE GREATER POTENTIAL FOR HIGH EXPOSURES.  
RTECS: 9999999ZZ

AND FULL LENGTH FACE SHIELD .  
RTECS: 9999999ZZ

FROM COMING IN CONT W/MINERAL WOOL FIBER.  
RTECS: 9999999ZZ

ON JOB CONDITIONS, GLOVES MAY BE NECESSARY.  
RTECS: 9999999ZZ

HOUSEHOLD LAUNDRY TO PVNT FIBER FROM BEING  
RTECS: 9999999ZZ

BEFORE IT IS USED AGAIN. IF THERE IS LOT OF FIBER ON  
RTECS: 9999999ZZ

PRIOR TO WASHING. FOLLOW AN ORGANIZED HOUSEKEEPING

RTECS: 9999999ZZ

DO NOT LET SCRAP MATERIAL AND DEBRIS PILE UP ON

RTECS: 9999999ZZ

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:MAN MADE VITREOUS FIBERS (MMVF)

ARE MECH IRRITS TO SKIN, EYES & UPPER RESP SYS. CHRONIC:EXTENSIVE  
MED SCIENTIFIC RESEARCH HAS BEEN CONDUCTED INTO HLTH ASPECTS OF  
MMVF'S OVER PAST 50 YRS. INTERNA TL AGENCY FOR RESEARCH ON CANCER  
(IARC), AGENCY FOR WORLD HLTH ORGANIZATION (WHO) HAS REVIEWED  
THIS(EFTS OF OVEREXPOS)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZS:RESEARCH. RESEARCH HAS INCLUDED  
STUDIES OF OVER 50,000 WORKERS EMPLOYED IN INDUSTRY AS WELL AS  
ANIMALS. ANIMAL STUDIES HAVE SHOWN THAT MMVF'S WERE NOT CARCIN BY  
INHAL. MALIGNANT TUMORS WERE PRDCEED IN ANIMALS WHEN LG DOSES OF  
MMVFWERE IMPLANTED SURGICALLY/INJECTED INTO CHEST/ABDOMEN BYPASSING  
ANIMAL'S(SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES:FLUSH WITH COPIOUS QUANTITIES OF WATER FOR AT LEAST 15  
MINUTES. CONTACT A PHYSICIAN IF IRRITATION PERSISTS.

INHALATION:REMOVE TO FRESH AIR AND DRINK WATER. SKIN:CLEAN WITH  
COLD WATER, THEN WARM W ATER AND SOAP. INGESTION:NOT LIKELY,  
CONTACT PHYSICIAN IF IT OCCURS.

## Fire Fighting

Extinguishing Media:USE MEDIA APPROPRIATE TO THE SURROUNDING FIRE  
CONDITIONS.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL  
PROTECTIVE EQUIPMENT . TREAT AS RESIDENTIAL BUILDING MATERIALS.

Unusual Fire/Explosion Hazard:FACING ON FACED PRODS MAY BURN & CARE  
SHOULD BE EXERCISED WHEN WORKING AROUND OPEN FLAME. ORG BINDER &  
FACING WILL EMIT TOX FUMES & SMK WHEN OXIDIZED & (SUPDAT)

## Accidental Release

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:IF MINERAL WOOL PARTICLES AND FIBERS  
ACCUMULATE ON EXPOSED SKIN AREAS, DO NOT RUB OR SCRATCH.

Other Precautions:REMOVE MATL BY WASHING THORO BUT GENTLY W/WARM WATER  
& MILD SOAP. USING GOOD COMMERCIAL SKIN CREAM/LOTION AFTER WASHING  
MAY BE HELPFUL. AVOID UNNEC HNDLG OF SCRAP MATLS BY KEEPING WASTE  
DISP EQUIP AS CLOSE TO WORKING AREA AS POSS. (ING 18)

## Exposure Controls

Respiratory Protection:IF THERE IS POSS THAT AIRBORNE MINERAL WOOL  
FIBER CONCS MAY EXCEED RECOM WORKING LEVELS/IF RESP DISCOMFORT IS  
EXPER, RESPS SHOULD BE WORN. ACCEPTABLE RESPS ARE THOSE  
SPECIFICALLY APPRVD BY NIOSH/MSHA FOR PROT AGAINST DUSTS.  
EXAMPLES(ING 9)

Ventilation:DUST COLLECTION SYS SHOULD BE USED WHENEVER MINERAL WOOL  
FIBER EXPOS MAY EXCEED EITHER ESTABLISHED DUST (ING 10)

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS(ING 12)

Other Protective Equipment:WEARING LONG-SLEEVED SHIRTS & BLOUSES, LOOSE

AT BACK & WRISTS, ALONG W/LONG PANTS & CAPS WILL PROT SKIN AREAS (ING 13)  
Work Hygienic Practices:WORK CLTHG WORN IN AREAS WHERE EXPOS TO MINERAL WOOL FIBER IS POSS SHOULD BE WASHED SEPARATELY FROM OTHER (ING 15)  
Supplemental Safety and Health  
EXPLO HAZS:VENT IS RECOM ON INITIAL EQUIP START-UP. HAZ DECOMP PRODS:ISOCYANATE, CYANIC ACID AND HYDROGEN CYANIDE. EFTS OF OVEREXP:NATURAL DEFENSE MECHANISMS. AS RSLT, IARC HAS CLASSIFIED MMVF'S IN GR OUP 2B, "POSS CARCIN TO HUMANS." NO INCREASED RISK HAS BEEN DEMONSTRATED THRU INHAL EXPERS, EVEN AT DOSES OF (ING 4)

## Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:2000F,1093C  
Spec Gravity:VAR. (H\*2O=1)  
Solubility in Water:NIL  
Appearance and Odor:YELLOW-BEIGE, MAY BE FACED, FAINT RESIN ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
HYDROFLUORIC ACID.  
Stability Condition to Avoid:NONE IN DESIGNED USE.  
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBON PARTICLES, CARBON HYDROGEN-NITROGEN & NITROGEN-OXYG CMPDS. METHYL (SUP DAT)

## Disposal

Waste Disposal Methods:DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS .

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